



Safety Data Sheet

Garlic Essential Oil - Organic

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Revision Date: May 13, 2023

SECTION 1. IDENTIFICATION

Product Name:	Garlic Essential Oil - Organic
Botanical Name:	<i>Allium sativum</i>
CAS#:	8000-78-0
Recommended Use	Topical Cosmetic Use
Supplier:	Bulk Naturals Wholesale LLC. 212 N Jefferson Unit 12A Ava, Mo 65608, USA
Telephone No. (24hrs):	1-573-465-0612
Emergency Telephone # :	1-573-465-0612(Mon-Fri: 8:00AM – 5:00PM CST)

SECTION 2. HAZARD(S) IDENTIFICATION

GHS Classification:	Acute toxicity - oral - Category 5 Skin corrosion/irritation - Category 2 Skin Sensitization - Category 1 Hazardous to the aquatic environment - Acute - Chronic Category 1
GHS Label Elements	



Signal:	Warning.
Hazard statement(s):	
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.
Precautionary statement(s):	
P210	Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking.
P233	Keep the container tightly closed. Keep cool.
P235	Ground/bond container and receiving equipment.
P241	Avoid breathing dust, fumes, gas, mist, vapors, or spray.
P261	Wash hands thoroughly after handling.
P264	Contaminated work clothing should not be all
P272	Contaminated work clothing should not be allowed out of the workplace.
P273	Avoid release to the environment.

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P280	Wear protective gloves, protective clothing, eye protection, and/or face protection.
P378	Use for extinction: All extinguishing media can be used.
P391	Collect spillage.
P301+P330+P331	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER or doctor. Specific treatment.
P303+P361+P353	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/ shower.
P333+P313	If skin irritation or a rash occurs: Get medical advice/attention.
P405	Store locked up.
P501	Dispose of contents/container to a hazardous waste collection point in accordance with local, regional, national/international regulations.

SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

Product Name	CAS Numbers	EC Numbers	Percentage
Allium Sativum (Garlic) Oil	8000-78-0	294-769-1	100.0%

SECTION 4. FIRST AID MEASURES

Eye contact:	Immediately flush your eyes with plenty of cool water for at least 15 minutes. Get medical attention if irritation occurs.
Skin contact:	Remove contaminated clothing. Wash the area with soap and water. If irritation occurs, get medical attention.
Inhalation:	If inhaled, remove to fresh air. Get medical attention if symptoms appear.
Ingestion:	Rinse mouth. Do not induce vomiting. If swallowed seek medical advice immediately and show this container or label.

SECTION 5. FIRE-FIGHTING MEASURES

Suitable extinguishing media:	Foam. Dry Powder. Carbon dioxide.
Unsuitable extinguishing media:	Water spray, water jet.
Precautions for fire-fighters:	Wear proper protective equipment. Exercise caution when fighting any chemical fire. Use water spray or fog for cooling exposed containers.

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Special hazards arising from the substance:	Hazardous decomposition products may be formed at extreme heat or if burned.
Resulting gases:	Carbon oxides.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions:	Equip a clean crew with proper protection. Respiratory protection equipment may be necessary.
Environmental precautions:	Prevent entry to sewers and public waters. Notify authorities if the product enters sewers or public waters.
Methods for cleaning up:	Clean up any spills as soon as possible, using an absorbent material to collect it. Use suitable disposal containers.

SECTION 7. HANDLING AND STORAGE

Precautions for Safe Handling:	No direct lighting. No smoking. Ensure prompt removal from eyes, skin, and clothing. Wash hands and other exposed areas with mild soap and water before eating, drinking, or smoking and when leaving work. Handle in accordance with good industrial hygiene and safety procedures.
Recommended Storage Conditions:	Provide local exhaust or general room ventilation to minimize dust and/or vapor concentrations. Keep container closed when not in use.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Eyes:	Use tightly sealed goggles.
Skin:	If skin contact or contamination of clothing is likely, protective clothing should be worn. Use protective gloves.
Respiratory:	In case of insufficient ventilation, wear suitable respiratory equipment.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Yellow to orangish-red colored liquid.
Odor:	Characteristic strong and pungent garlic aroma
Flashpoint:	53°C.
Relative Density:	1.0400 to 1.1180 @ 25°C.
Solubility:	Soluble in alcohol and oils. Insoluble in water.
Refractive Index:	1.559 to 1.579 @ 25°C.

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SECTION 10. STABILITY AND REACTIVITY

Chemical stability:	Chemically stable.
Possibility of hazardous reactions:	Hazardous polymerization will not occur.
Conditions to avoid:	Avoid sparks, flame, and other heat sources.
Incompatible materials:	Strong oxidizing agents.
Hazardous decomposition products:	Carbon oxides.

SECTION 11. TOXICOLOGICAL INFORMATION

Inhalation:	Inhalation of high concentrations of vapor may result in irritation of the eyes, nose, and throat, headache, nausea, and dizziness.
Skin Contact:	Adverse skin effects should be prevented by normal care and personal hygiene.
Eye Contact:	Possible irritation should be prevented by wearing safety glasses.
Ingestion:	Low-order toxicity causes irritation of the stomach and intestines which results in nausea and vomiting.

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity:	Toxic to aquatic organisms, may cause long-term adverse effects environment. Avoid any pollution of ground, surface, or underground water.
Persistence and degradability:	Biodegradation is expected.

SECTION 13. DISPOSAL CONSIDERATIONS

Dispose of product in accordance with local, state or provincial and federal regulations. Check with local municipal authority to ensure compliance.

SECTION 14. TRANSPORT INFORMATION

UN Number:	1992
UN proper shipping name:	Flammable liquid, toxic, n.o.s. (Garlic oil)
Transport hazard class:	9
Packaging group:	III
US DOT Shipping Description (Land):	1992
Proper shipping name:	Flammable liquid, toxic, n.o.s. (Garlic oil)
Class:	9
Packaging group:	III

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IMO-IMDG Shipping Description (Sea) :	1992
Proper shipping name	Flammable liquid, toxic, n.o.s. (Garlic oil)
Class :	9
Packaging group:	III
IATA Shipping Description (Air):	1992
Proper shipping name	Flammable liquid, toxic, n.o.s. (Garlic oil)
Class :	9
Packaging group:	III

SECTION 15. REGULATORY INFORMATION

This product does not need to be labeled in accordance with EC Directives or respective national laws.

SECTION 16. OTHER INFORMATION

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